



# FD8152V

## Fixed Dome Network Camera

1.3MP · Low Light · Day & Night · 15M IR · IK10 · 3DNR

VIVOTEK FD8152V is a compact fixed dome network camera with 1.3-Megapixel resolution and the ability to output 30 frames per second in H.264 compression. Equipped with SNV (Supreme Night Visibility) technology, the FD8152V offers increased sensitivity to low light and provides clear images in dark conditions. In addition, built-in IR LEDs enable the camera to provide enough illumination for clear viewing up to 15 meters, even in completely dark environments.

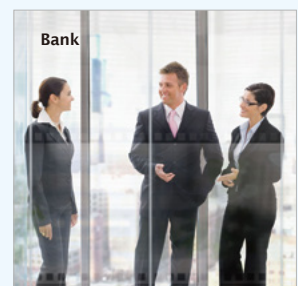
The FD8152V is a camera with IK10-rated vandal-proof housing for increased camera protection. Additionally, at a size of only 100 mm in diameter, the FD8152V is truly an all-in-one surveillance solution that meets a wide variety of needs for indoor surveillance applications, such as offices, elevators, chain stores, prisons, and health care facilities.

### Key Features

- 1.3-Megapixel CMOS Sensor
- 30 fps @ 1280x1024
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 15 Meters
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Vandal-proof IK10-rated Housing
- 3D Noise Reduction
- Supreme Night Visibility
- Selectable Lens



Elevator



Bank



Retail



Prison

## Technical Specifications

Model	FD8152V-F2 (Lens f = 2.8 mm) FD8152V-F4 (Lens f = 4.0 mm)	<b>Intelligent Video</b>	Video Motion Detection	Triple-window video motion detection
<b>System Information</b>		<b>Alarm and Event</b>	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
CPU	Multimedia SoC (System-on-Chip)	Alarm Events	Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Flash	128 MB	<b>General</b>	Connectors	RJ-45 for Network/PoE connection Digital input*1
RAM	256 MB	LED Indicator	LED Indicator	System power and status indicator
<b>Camera Features</b>		Power Input	Power Input	IEEE 802.3af PoE Class 2
Image Sensor	1/3" Progressive CMOS	Power Consumption	Power Consumption	Max. 5.1W
Maximum Resolution	1280x1024	Dimensions	Dimensions	Ø: 100 mm x 55 mm
Lens Type	Fixed-focal	Weight	Weight	Net: 284 g
Focal Length	f = 2.8 mm (FD8152V-F2) f = 4 mm (FD8152V-F4)	Casing	Casing	Vandal-proof IK10-rated metal housing
Aperture	F2.0 (FD8152V-F2) F1.6 (FD8152V-F4)	Safety Certifications	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Auto-iris	Fixed-iris	Operating Temperature	Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)
Field of View	FD8152V-F2: 101° (Horizontal) 80° (Vertical) 130° (Diagonal) FD8152V-F4: 69° (Horizontal) 54° (Vertical) 87° (Diagonal)	Warranty	Warranty	24 months
Shutter Time	1/5 sec. to 1/32,000 sec.	<b>System Requirements</b>	Operating System	Microsoft Windows 7/Vista/XP/2000
Day/Night	Removable IR-cut filter for day & night function	Web Browser	Web Browser	Mozilla Firefox 7-10 (streaming only) Internet Explorer 7.x or 8.x
Minimum Illumination	0.08 Lux @ F1.6 (Color) 0.06 Lux @ F1.6 (B/W) 0 Lux @ IR LED ON	Other Players	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	<b>Included Accessories</b>	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
IR Illuminators	Built-in IR illuminators, effective up to 15 meters IR LED*9	Others	Others	Quick installation guide, warranty card, screw pack
On-board Storage	MicroSD/SDHC/SDXC card slot	<b>Dimensions</b>		
<b>Video</b>				
Compression	H.264 & MJPEG			
Maximum Frame Rate	30 fps @ 1280x1024 In both compression			
Maximum Streams	3 simultaneous streams			
S/N Ratio	Above 56 dB			
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving			
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, 3D Noise Reduction Scheduled profile settings			
<b>Audio</b>				
Audio Capability	Audio input			
Compression	G.711			
Interface	Built-in Microphone			
<b>Network</b>				
Users	Live viewing for up to 10 clients			
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X			
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)			
ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>			

## Compatible Accessories

### PoE Kits



**POE-IJ-1748NDN**  
PoE Injector, 802.3af Compliant



**AW-FED-0500**  
4-port Unmanaged PoE Switch

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